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**Life Science Cycles in Nature & Biomes (Chapters 19 & 20 Outline)**

***AS YOU READ, RESPOND TO THE FOLLOWING:***

*Vocabulary*: **Define in your own words:**

Evaporation-

Condensation-

Precipitation-

Decomposition-

Combustion-

Succession-

Pioneer species-

Biome-

Savanna-

Desert-

Tundra-

Plankton-

Estuary-

Wetland-

Marsh-

Swamp-

*Respond to the following:*

Contrast primary and secondary succession in ecosystems. Give an example of each type of succession. (4 pts)

How do mature communities develop in ecosystems? Explain. (2 pts)

Distinguish between biotic and abiotic factors that affect biomes. Give an example of two types of both abiotic and biotic factors. (5 pts)

Describe 6 biomes in detail. Include a description rainfall (in inches or cm) and average temperatures (in Fahrenheit) in winter and fall for the biome. (6 pts)

What are the four "major" ocean zones? Describe each ocean zone in detail. (4 pts)

What are the three "major" zones of a lake? Describe each lake zone in detail. (3 pts)

***ABOUT THE READING:***

Write four things that you learned about Cycles in Nature & Biomes*:*

*Make sure to write a full sentence.*

*Example: I learned that an estuary is where the a river or stream meets the ocean; the water is considered to be "brackish", that is of both salt and freshwater.*

*1.*

*2.*

*3.*

*4.*